

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035686.D
 Acq On : 19 Dec 2024 01:18
 Operator : RC/JU
 Sample : P5258-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 03:05:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.280	152	2766	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	7612	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.940	164	5429	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	11466	0.400	ng/ul	0.00
17) Chrysene-d12	20.956	240	9889	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	11273	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	9515	3.880	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	2537	0.234	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	5636	0.195	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.070	128	8869	0.475	ng/ul	98
7) 2-Methylnaphthalene	11.703	142	1926	0.153	ng/ul	97
8) 1-Methylnaphthalene	11.928	142	1484	0.114	ng/ul	99
10) Acenaphthylene	13.653	152	1430	0.068	ng/ul#	84
11) Acenaphthene	14.004	153	12053	0.758	ng/ul	99
12) Fluorene	15.008	166	8460	0.457	ng/ul	98
15) Phenanthrene	16.751	178	155661	5.424	ng/ul	98
16) Anthracene	16.840	178	33382	1.244	ng/ul	99
19) Fluoranthene	18.791	202	304470	8.609	ng/ul	99
20) Pyrene	19.163	202	219007	5.621	ng/ul	97
21) Benzo(a)anthracene	20.938	228	134758	4.108	ng/ul	99
22) Chrysene	20.991	228	131921	3.876	ng/ul	98
24) Benzo(b)fluoranthene	22.431	252	190624m	5.738	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	70399m	1.916	ng/ul	
26) Benzo(a)pyrene	22.951	252	87658m	2.724	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.068	276	80165	2.047	ng/ul#	76
28) Dibenzo(a,h)anthracene	25.078	278	22933m	0.767	ng/ul	
29) Benzo(g,h,i)perylene	25.681	276	12610	0.401	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

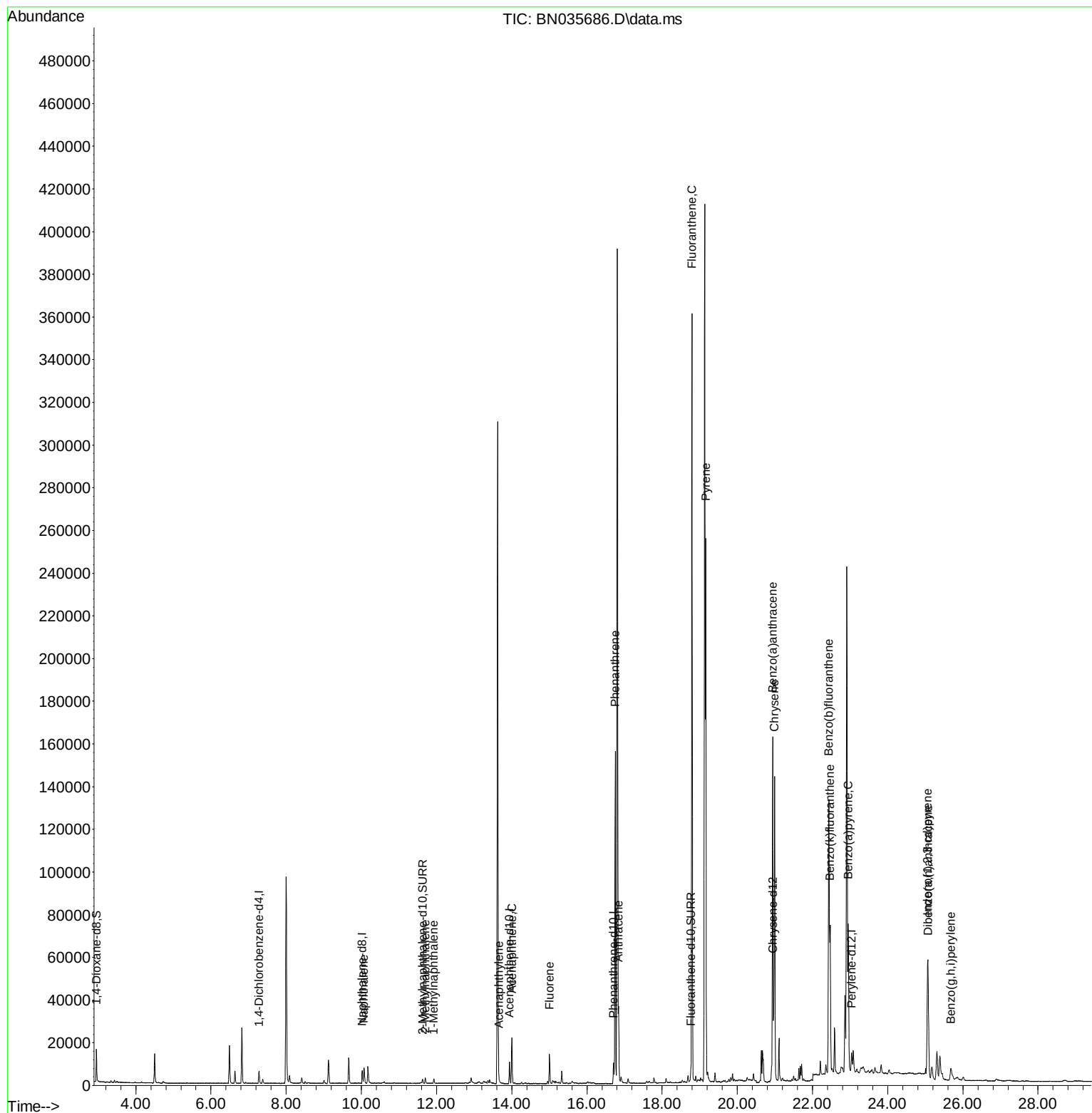
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035686.D
Acq On : 19 Dec 2024 01:18
Operator : RC/JU
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ALS Vial : 26 Sample Multiplier: 1

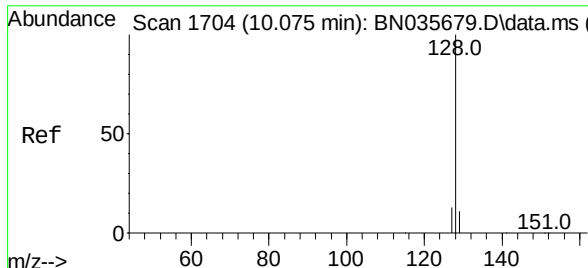
Instrument :
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E28X4

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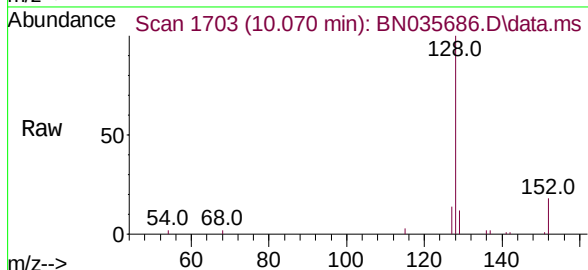
Quant Time: Dec 19 03:05:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





Scan 1704 (10.075 min): BN035679.D\data.ms (-1655) (-)
 Naphthalene
 Concen: 0.475 ng/ul
 RT: 10.070 min Scan# 1655
 Delta R.T. -0.011 min
 Lab File: BN035686.D
 Acq: 19 Dec 2024 01:18

Instrument :
 BNA_N
 ClientSampleId :
 E28X4

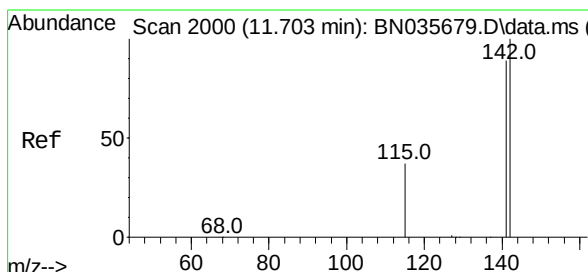
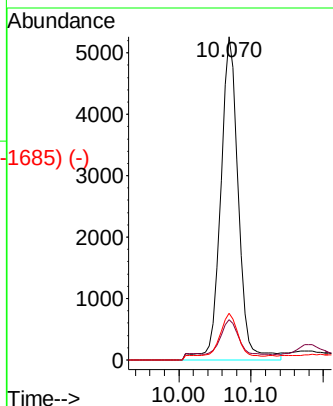
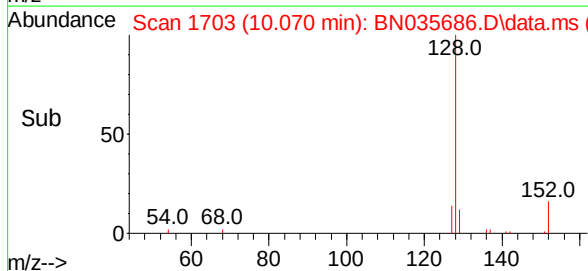


Tgt Ion:128 Resp: 886

Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.8	16.2
127	14.5	12.0	18.0

Manual Integrations
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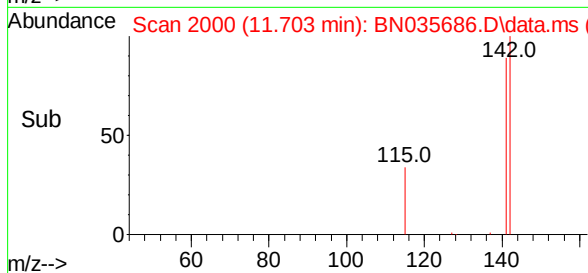
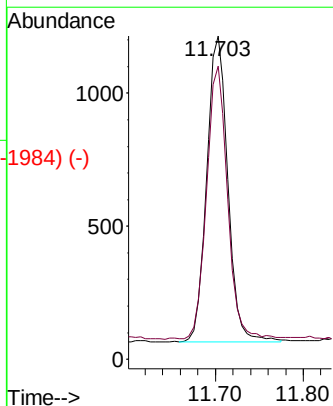
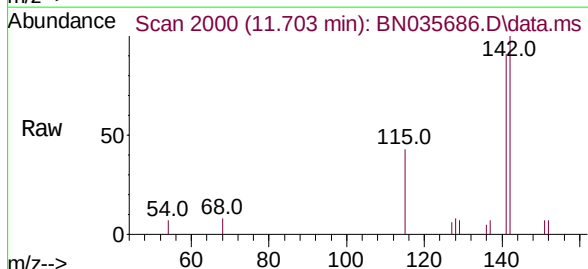
Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/24/2024

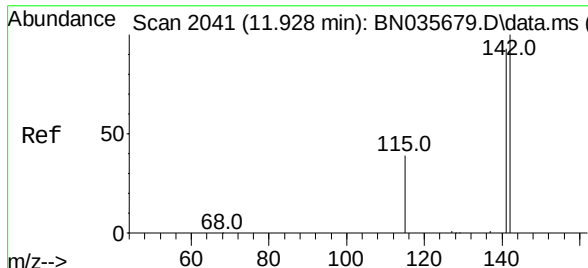


Scan 2000 (11.703 min): BN035679.D\data.ms (-1991) (-)
 2-Methylnaphthalene
 Concen: 0.153 ng/ul
 RT: 11.703 min Scan# 2000
 Delta R.T. -0.011 min
 Lab File: BN035686.D
 Acq: 19 Dec 2024 01:18

Tgt Ion:142 Resp: 1926

Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.8	109.2





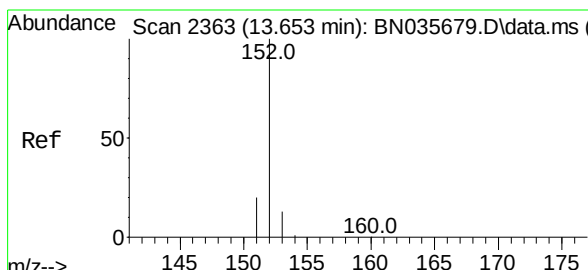
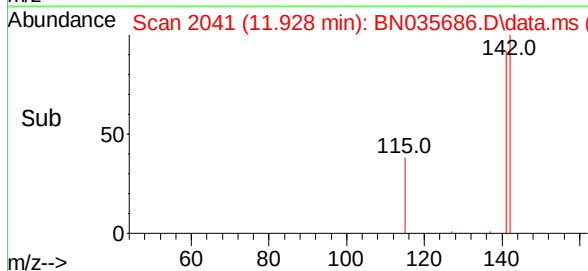
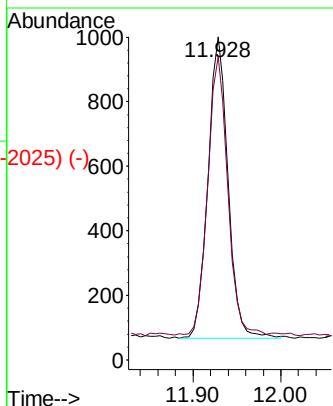
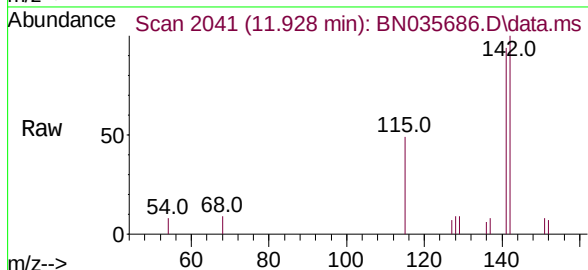
1-Methylnaphthalene
 Concen: 0.114 ng/ul
 RT: 11.928 min Scan# 2041
 Delta R.T. -0.011 min
 Lab File: BN035686.D
 Acq: 19 Dec 2024 01:18

Instrument :
 BNA_N
 ClientSampleId :
 E28X4

Tgt Ion:142 Resp: 148
 Ion Ratio Lower Upper
 142 100
 141 92.0 74.7 112.1

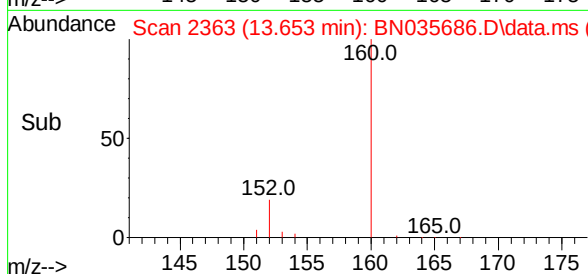
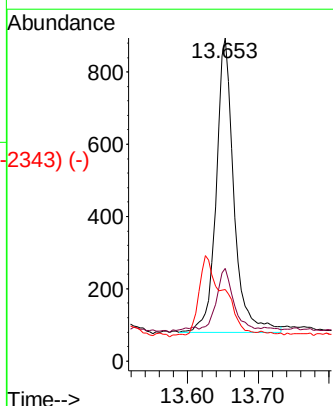
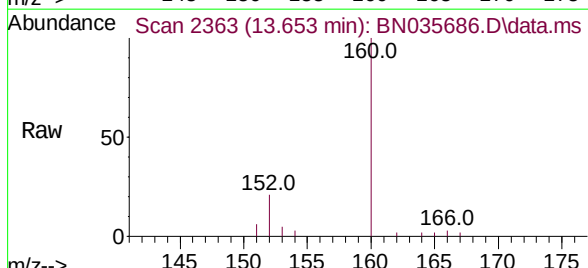
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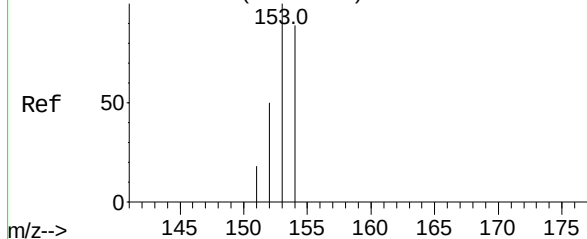


Acenaphthylene
 Concen: 0.068 ng/ul
 RT: 13.653 min Scan# 2363
 Delta R.T. -0.009 min
 Lab File: BN035686.D
 Acq: 19 Dec 2024 01:18

Tgt Ion:152 Resp: 1430
 Ion Ratio Lower Upper
 152 100
 151 28.7 17.6 26.4#
 153 22.1 11.4 17.2#

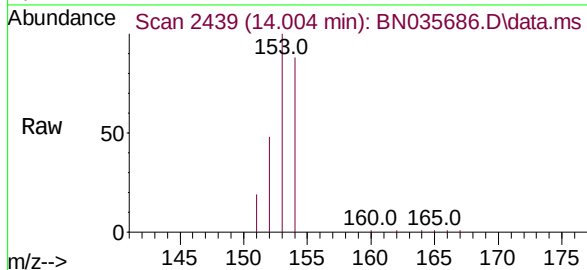


Abundance Scan 2439 (14.004 min): BN035679.D\data.ms (-2439) (-)



Acenaphthene
Concen: 0.758 ng/ul
RT: 14.004 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BN035686.D
Acq: 19 Dec 2024 01:18

Instrument :
BNA_N
ClientSampleId :
E28X4

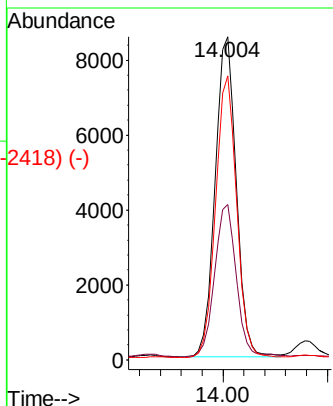
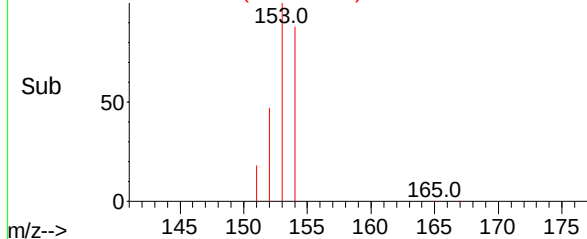


Tgt Ion:153 Resp: 1205
Ion Ratio Lower Upper
153 100
152 48.0 39.8 59.6
154 87.9 69.8 104.8

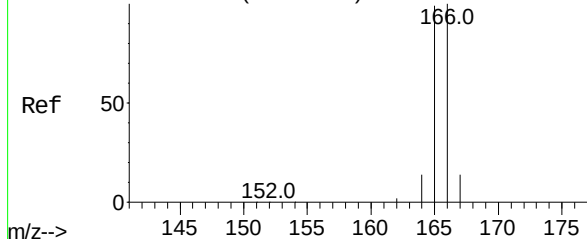
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Abundance Scan 2439 (14.004 min): BN035686.D\data.ms (-2418) (-)

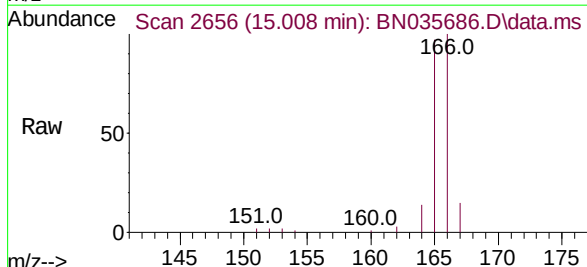


Abundance Scan 2656 (15.008 min): BN035679.D\data.ms (-2642) (-)

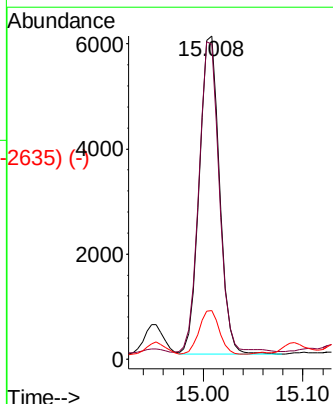
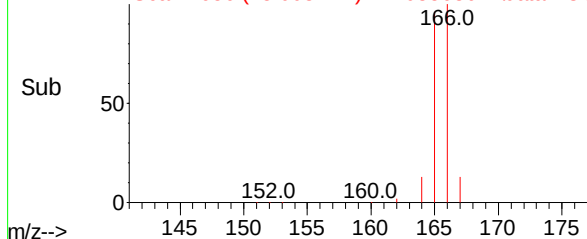


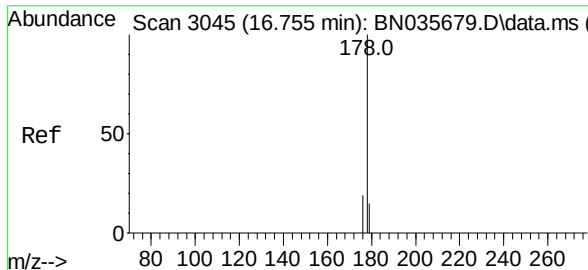
Fluorene
Concen: 0.457 ng/ul
RT: 15.008 min Scan# 2656
Delta R.T. -0.004 min
Lab File: BN035686.D
Acq: 19 Dec 2024 01:18

Tgt Ion:166 Resp: 8460
Ion Ratio Lower Upper
166 100
165 97.4 79.5 119.3
167 15.0 11.8 17.8



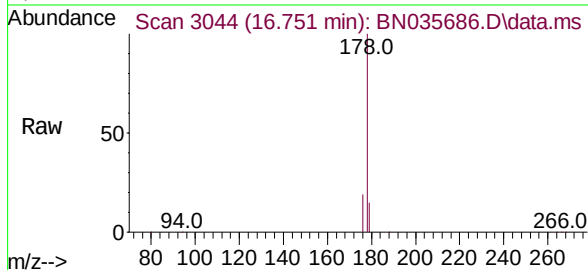
Abundance Scan 2656 (15.008 min): BN035686.D\data.ms (-2635) (-)





Phenanthrene
Concen: 5.424 ng/ul
RT: 16.751 min Scan# 3044
Delta R.T. -0.008 min
Lab File: BN035686.D
Acq: 19 Dec 2024 01:18

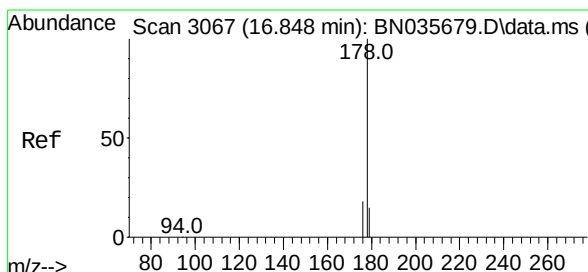
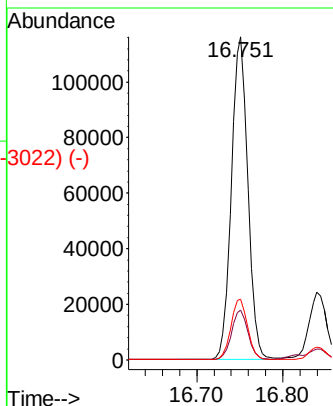
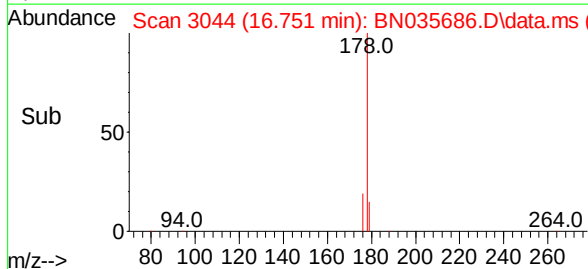
Instrument :
BNA_N
ClientSampleId :
E28X4



Tgt Ion:178 Resp: 15560
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 18.8 15.8 23.8

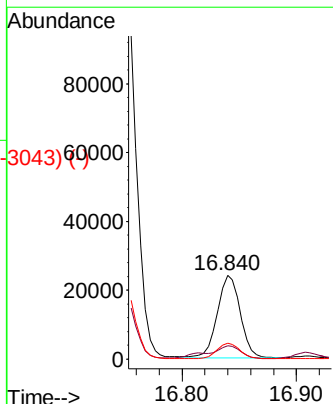
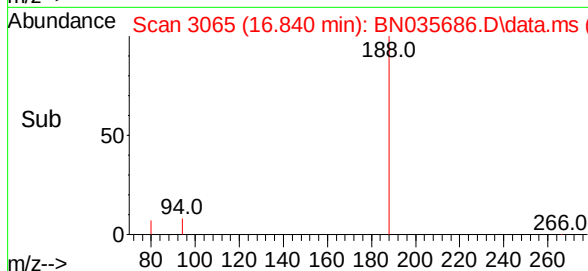
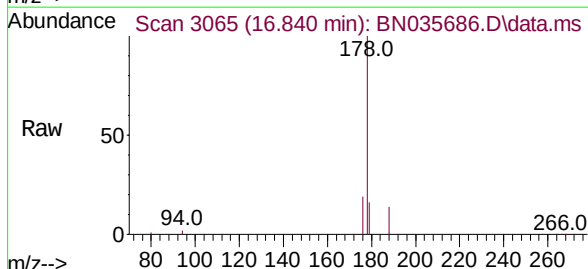
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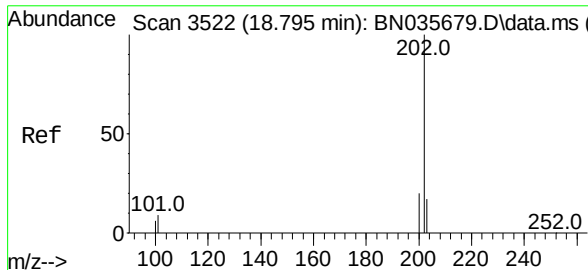
Reviewed By :Yogesh Patel 12/24/2024
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Anthracene
Concen: 1.244 ng/ul
RT: 16.840 min Scan# 3065
Delta R.T. -0.008 min
Lab File: BN035686.D
Acq: 19 Dec 2024 01:18

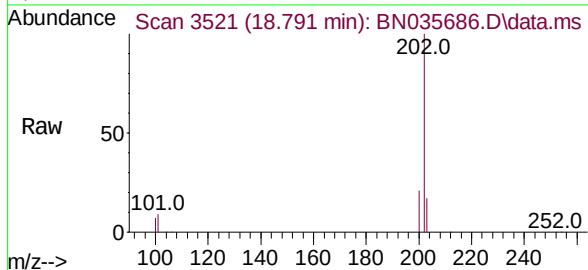
Tgt Ion:178 Resp: 33382
Ion Ratio Lower Upper
178 100
179 16.3 13.4 20.0
176 18.8 15.4 23.0





Fluoranthene
 Concen: 8.609 ng/ul
 RT: 18.791 min Scan# 3519
 Delta R.T. -0.009 min
 Lab File: BN035686.D
 Acq: 19 Dec 2024 01:18

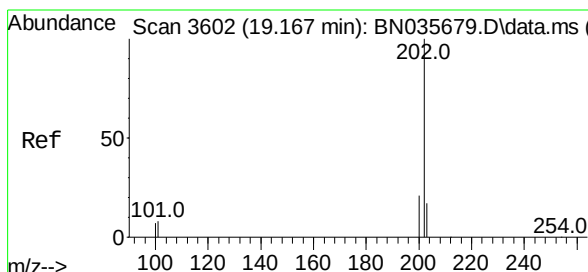
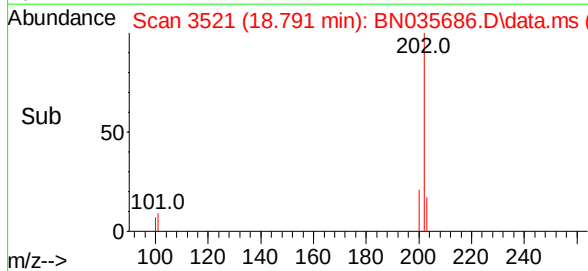
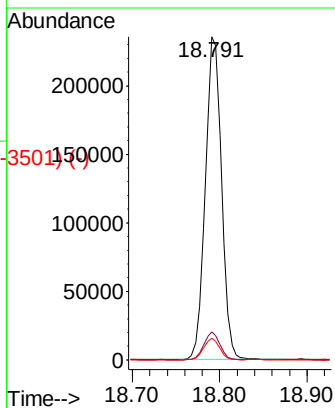
Instrument :
 BNA_N
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 E28X4



Tgt Ion:	202	Resp:	30447
Ion Ratio	Lower	Upper	
202	100		
101	8.7	7.3	10.9
100	6.7	5.4	8.0

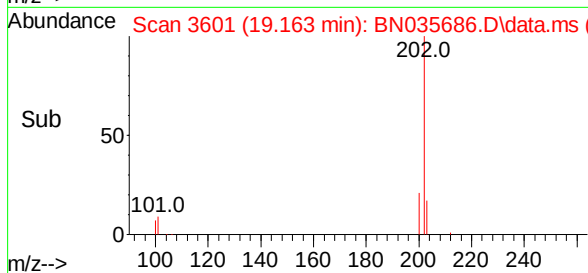
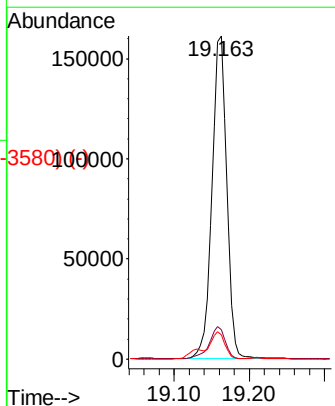
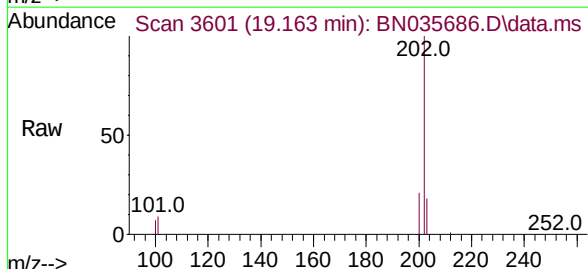
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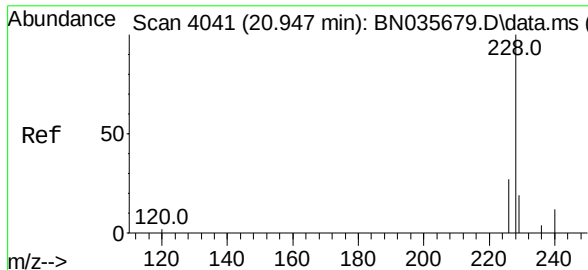
Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/24/2024



Pyrene
 Concen: 5.621 ng/ul
 RT: 19.163 min Scan# 3601
 Delta R.T. -0.004 min
 Lab File: BN035686.D
 Acq: 19 Dec 2024 01:18

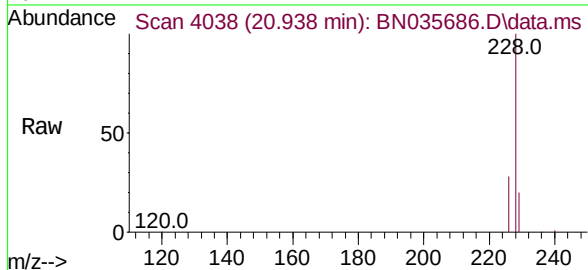
Tgt Ion:	202	Resp:	219007
Ion Ratio	Lower	Upper	
202	100		
101	9.2	8.5	12.7
100	7.5	6.5	9.7





Benzo(a)anthracene
Concen: 4.108 ng/ul
RT: 20.938 min Scan# 4038
Delta R.T. -0.011 min
Lab File: BN035686.D
Acq: 19 Dec 2024 01:18

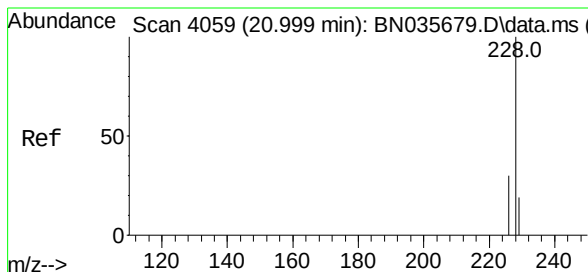
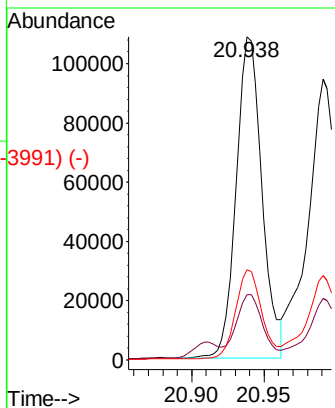
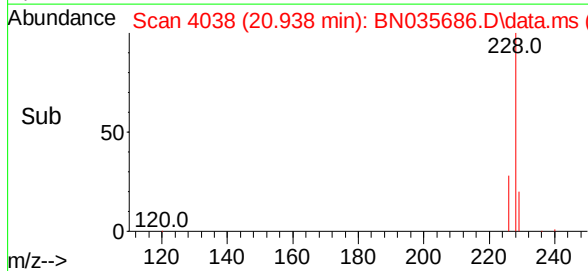
Instrument :
BNA_N
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E28X4



Tgt Ion:228 Resp: 13475
Ion Ratio Lower Upper
228 100
229 20.2 16.6 25.0
226 28.0 22.5 33.7

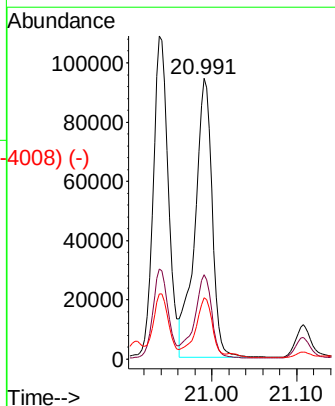
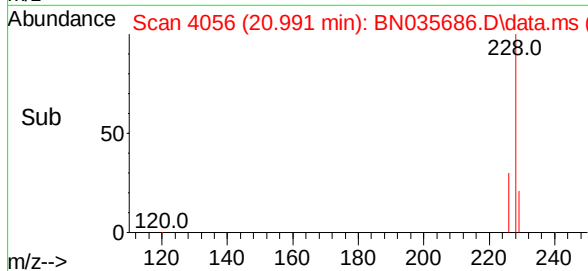
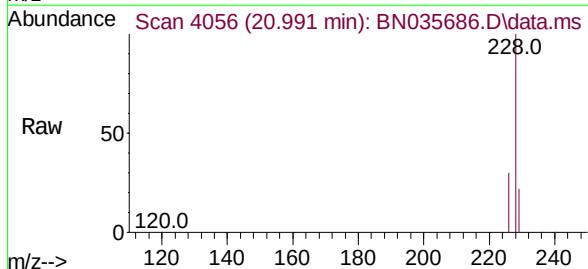
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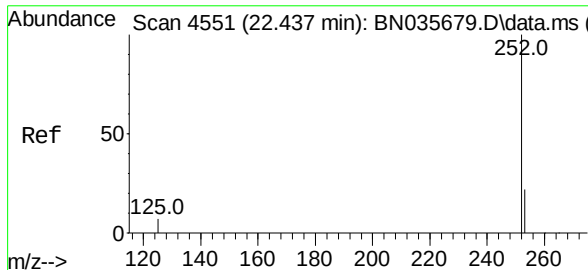
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



Chrysene
Concen: 3.876 ng/ul
RT: 20.991 min Scan# 4056
Delta R.T. -0.009 min
Lab File: BN035686.D
Acq: 19 Dec 2024 01:18

Tgt Ion:228 Resp: 131921
Ion Ratio Lower Upper
228 100
226 30.1 25.1 37.7
229 21.8 16.6 24.8





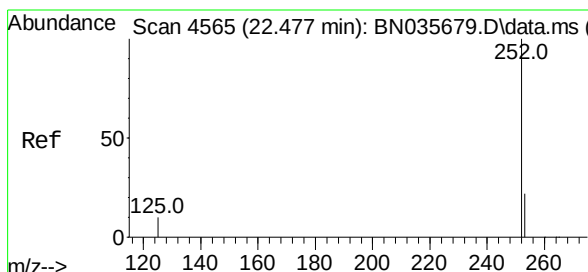
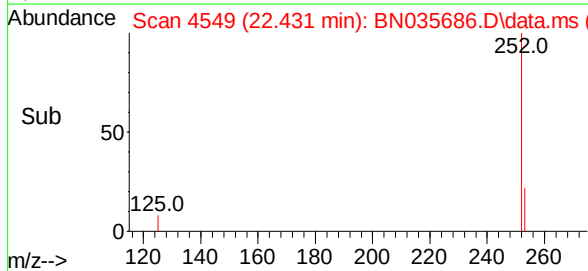
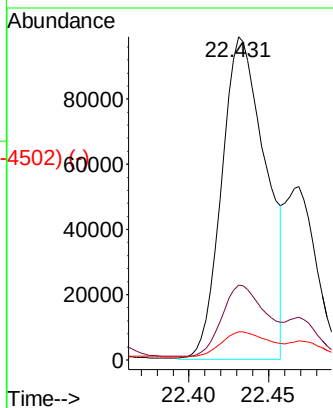
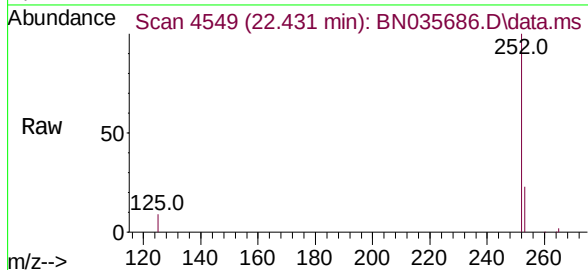
Benzo(b)fluoranthene
 Concen: 5.738 ng/ul m
 RT: 22.431 min Scan# 4549
 Delta R.T. -0.011 min
 Lab File: BN035686.D
 Acq: 19 Dec 2024 01:18

Instrument :
 BNA_N
 ClientSampleId :
 E28X4

Tgt Ion:252 Resp: 19062
 Ion Ratio Lower Upper
 252 100
 253 23.2 0.0 56.4
 125 8.7 0.0 37.6

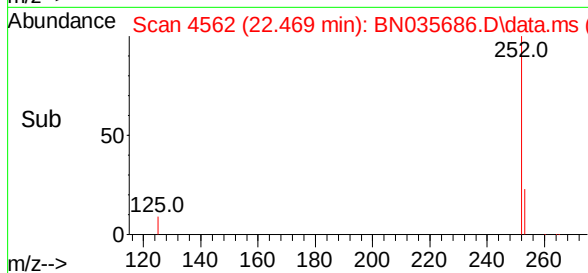
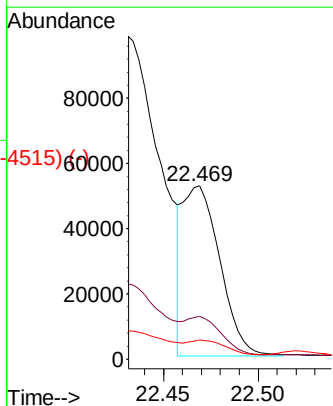
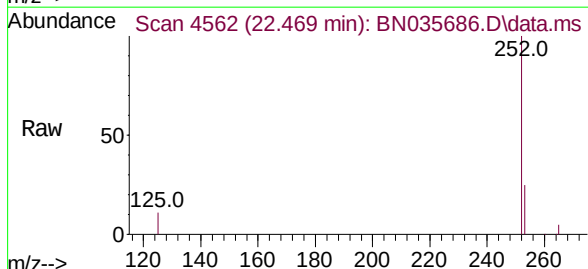
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/24/2024



Benzo(k)fluoranthene
 Concen: 1.916 ng/ul m
 RT: 22.469 min Scan# 4562
 Delta R.T. -0.011 min
 Lab File: BN035686.D
 Acq: 19 Dec 2024 01:18

Tgt Ion:252 Resp: 70399
 Ion Ratio Lower Upper
 252 100
 253 24.8 22.1 33.1
 125 11.1 15.3 22.9#



Abundance Scan 4730 (22.960 min): BN035679.D\data.ms (-4729) (-)

Benzo(a)pyrene
Concen: 2.724 ng/ul m
RT: 22.951 min Scan# 4729
Delta R.T. -0.011 min
Lab File: BN035686.D
Acq: 19 Dec 2024 01:18

Ref

125.0

252.0

m/z-->

Abundance Scan 4727 (22.951 min): BN035686.D\data.ms

Raw

125.0

252.0

m/z-->

Abundance Scan 4727 (22.951 min): BN035686.D\data.ms (-4680) (-)

Sub

125.0

252.0

m/z-->

Abundance

50000

40000

30000

20000

10000

0

22.90

23.00

Time-->

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/24/2024

Abundance Scan 5451 (25.077 min): BN035679.D\data.ms (-5427) (-)

Indeno(1,2,3-cd)pyrene
Concen: 2.047 ng/ul
RT: 25.068 min Scan# 5448
Delta R.T. -0.013 min
Lab File: BN035686.D
Acq: 19 Dec 2024 01:18

Ref

138.0

227.0

276.0

m/z-->

Abundance Scan 5448 (25.068 min): BN035686.D\data.ms

Raw

138.0

227.0

276.0

m/z-->

Abundance Scan 5448 (25.068 min): BN035686.D\data.ms (-5387) (-)

Sub

138.0

227.0

276.0

m/z-->

Abundance

30000

20000

10000

0

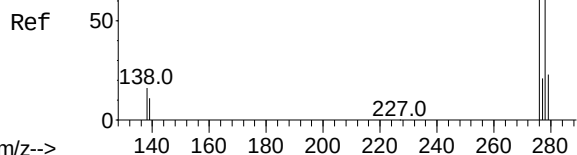
25.00

25.10

Time-->

Abundance Scan 5457 (25.097 min): BN035679.D\data.ms (-5428) (-)

Dibenzo(a,h)anthracene
Concen: 0.767 ng/ul m
RT: 25.078 min Scan#
Delta R.T. -0.023 min
Lab File: BN035686.D
Acq: 19 Dec 2024 01:18

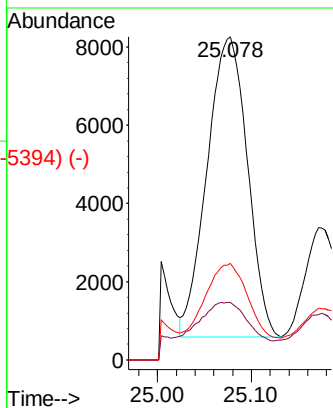
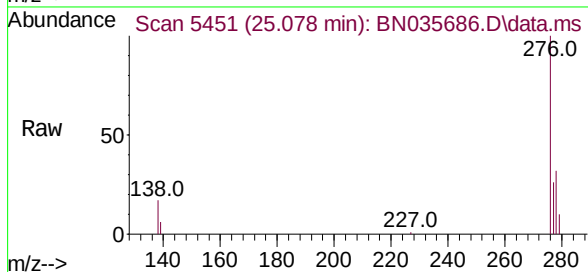


Instrument :
BNA_N
ClientSampleId :
E28X4

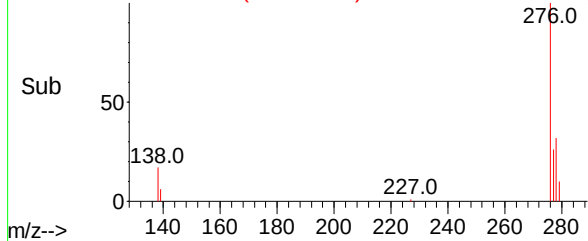
Tgt Ion:	278	Resp:	2290
Ion Ratio	Lower	Upper	
278	100		
139	17.8	19.8	29.8
279	29.9	24.0	36.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



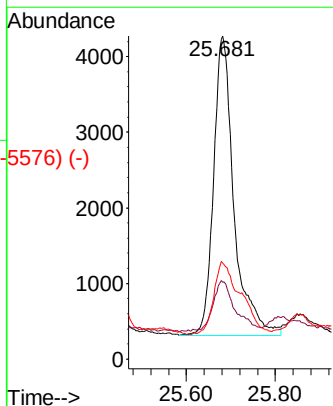
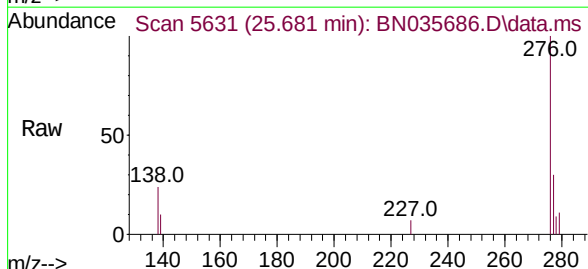
Abundance Scan 5451 (25.078 min): BN035686.D\data.ms (-5394) (-)



Abundance Scan 5635 (25.694 min): BN035679.D\data.ms (-5629) (-)

Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 25.681 min Scan# 5631
Delta R.T. -0.016 min
Lab File: BN035686.D
Acq: 19 Dec 2024 01:18

Tgt Ion:	276	Resp:	12610
Ion Ratio	Lower	Upper	
276	100		
138	23.7	19.6	29.4
277	29.7	21.6	32.4



Abundance Scan 5631 (25.681 min): BN035686.D\data.ms (-5576) (-)

